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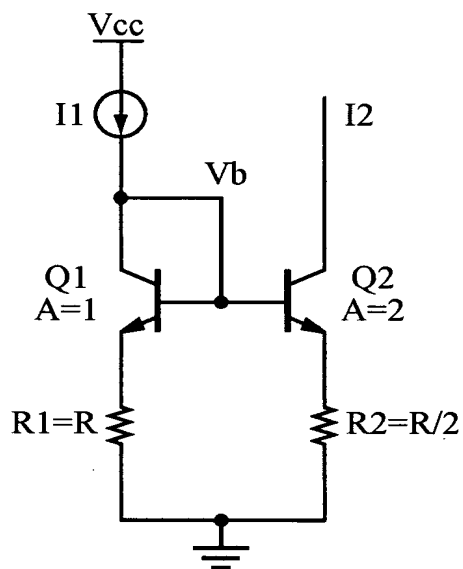


Figure 1
Prior Art - Current Amplifier

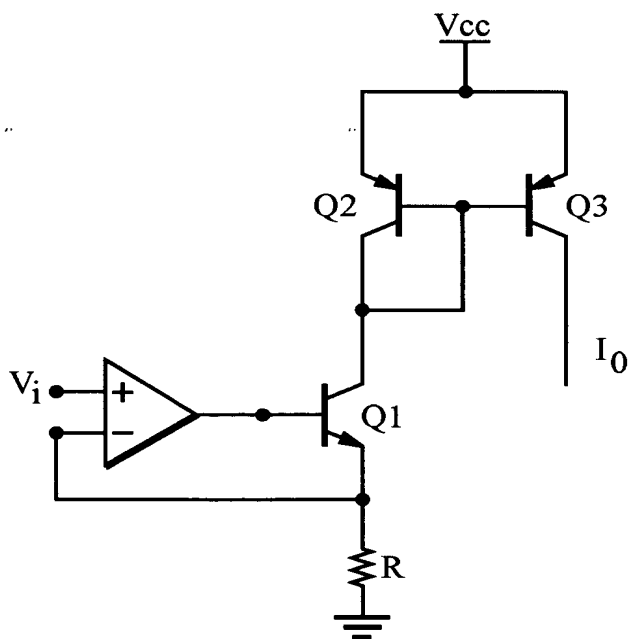


Figure 1A
Prior Art - Voltage to Current Converter



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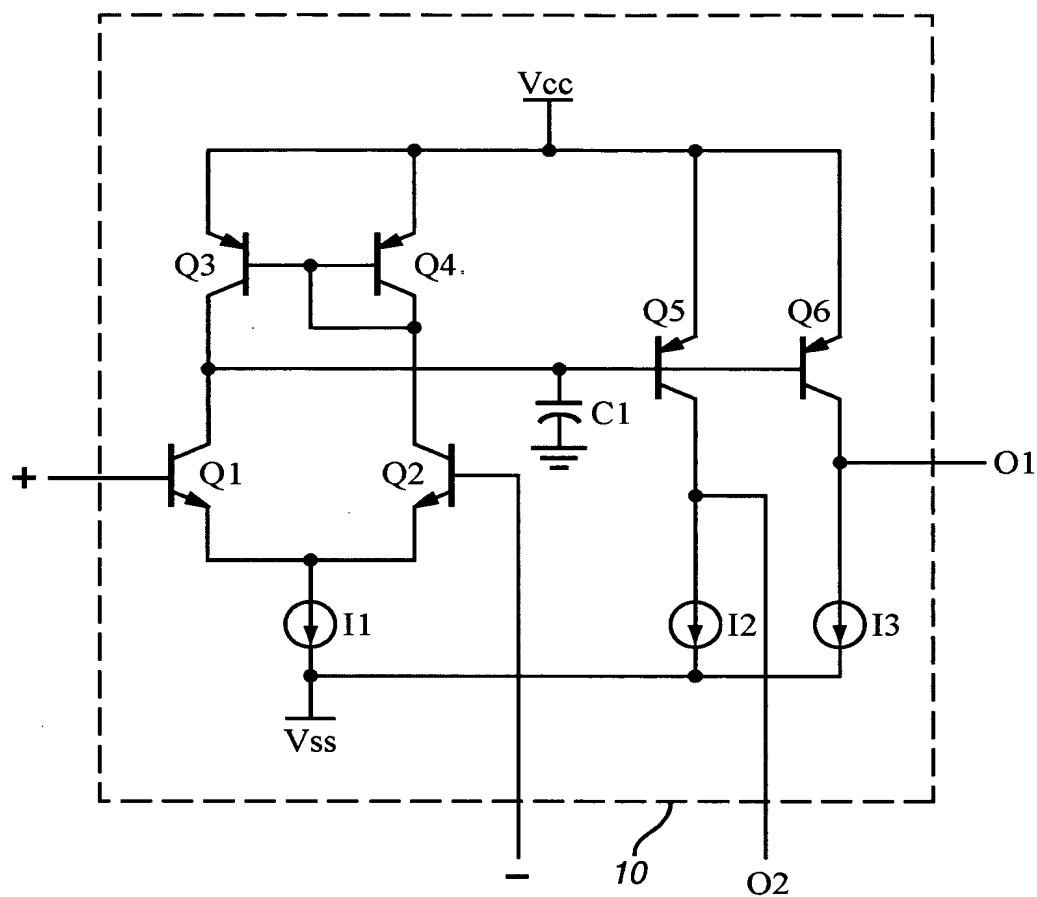


Figure 2

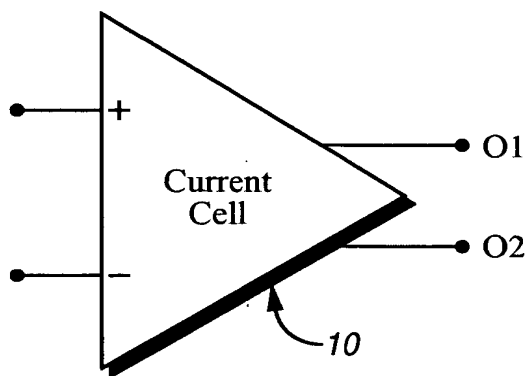


Figure 3



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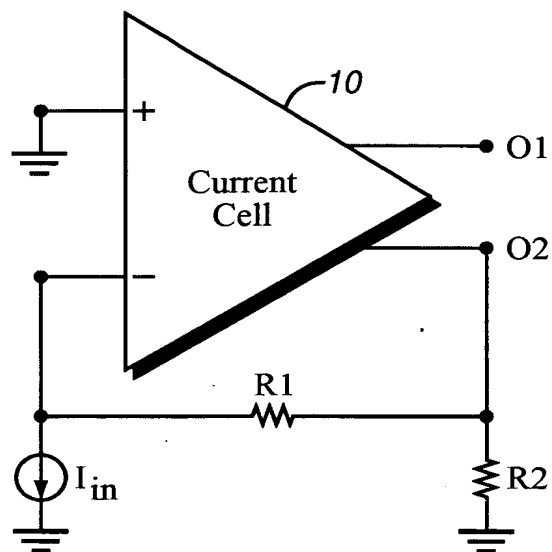


Figure 4

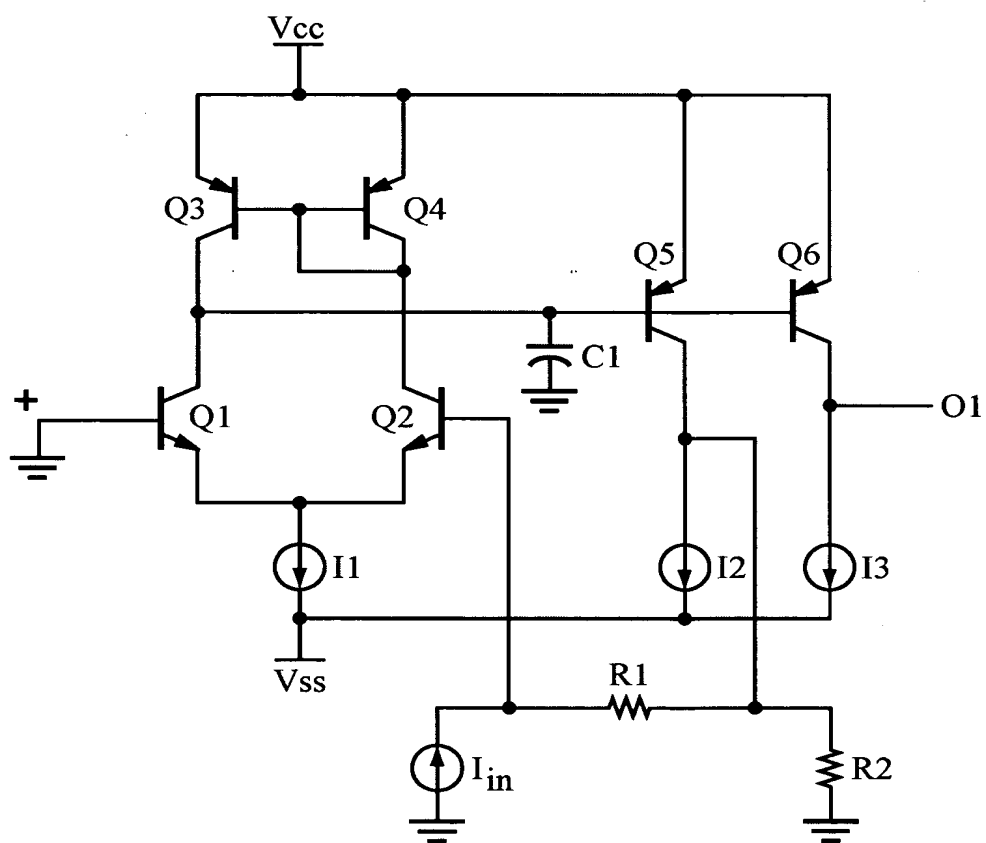
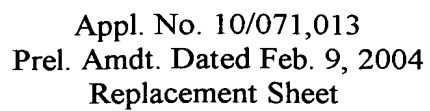


Figure 5



The diagram shows a triangular component labeled "Current Cell" with a reference numeral "10". The non-inverting input (+) is connected to an input voltage V_i . The inverting input (-) is connected to ground. The output of the cell is connected to a load resistor R , which is also connected to ground. The output voltage is labeled $O2$. A reference output $O1$ is also shown.

[illegible]

Figure 7